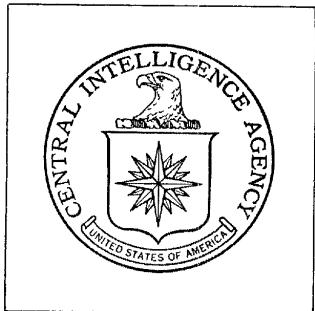


Top Secret



DIRECTORATE OF
INTELLIGENCE

Industrial Facilities
(Non-Military)

Basic Imagery Interpretation Brief

Pao-tou Thermal Power Plant 1, Iron and Steel Plant (Kun-tu-lun)

Pao-tou, China



Handle via Talent - Keyhole
Channels Only

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DECLASS REVIEW by NIMA/DOD

BCS 13/0084/69
TCS 11554/68
DATE JANUARY 1969
PAGES 3

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GROUP 1
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TITLE NPIC

TCS-11554/68

Jan. 1969

SEC. CLASS. LOCATION

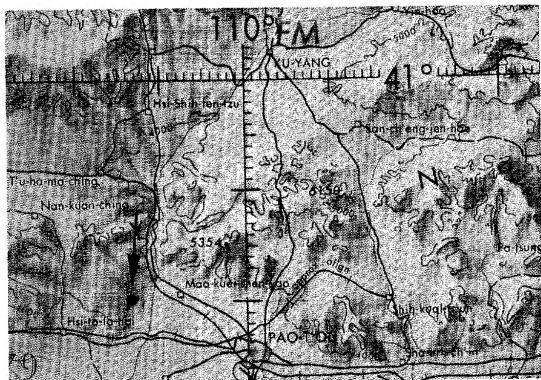
110160

INSTALLATION OR ACTIVITY NAME		COUNTRY
Pao-tou Thermal Power Plant I, Iron and Steel Plant (Kun-tu-lun)		CH
UTM COORDINATES 49TCR969023	GEOGRAPHIC COORDINATES 40-40-10N 109-46-40E	WAC-PIC NO. 0288-13-0
MAP REFERENCE 15th RTS. USATC Series 200, Sheet 0288-22HL, 2nd edition, Nov 64, Scale 1:200,000 (SECRET NO FOREIGN DISSEM)		25X1C
LATEST IMAGERY USED	NEGATION DATE (If required)	
	Not Required	

INTRODUCTION

25X1A

The Pao-tou Thermal Power Plant I, Iron and Steel Plant (Kun-tu-lun) is located adjacent to the Pao-tou Iron and Steel Plant (Kun-tu-lun) [REDACTED] 12.2 nautical miles (nm) west-northwest of Pao-tou and 2.4 nm west of Kun-tu-lun, China.



BASIC DESCRIPTION

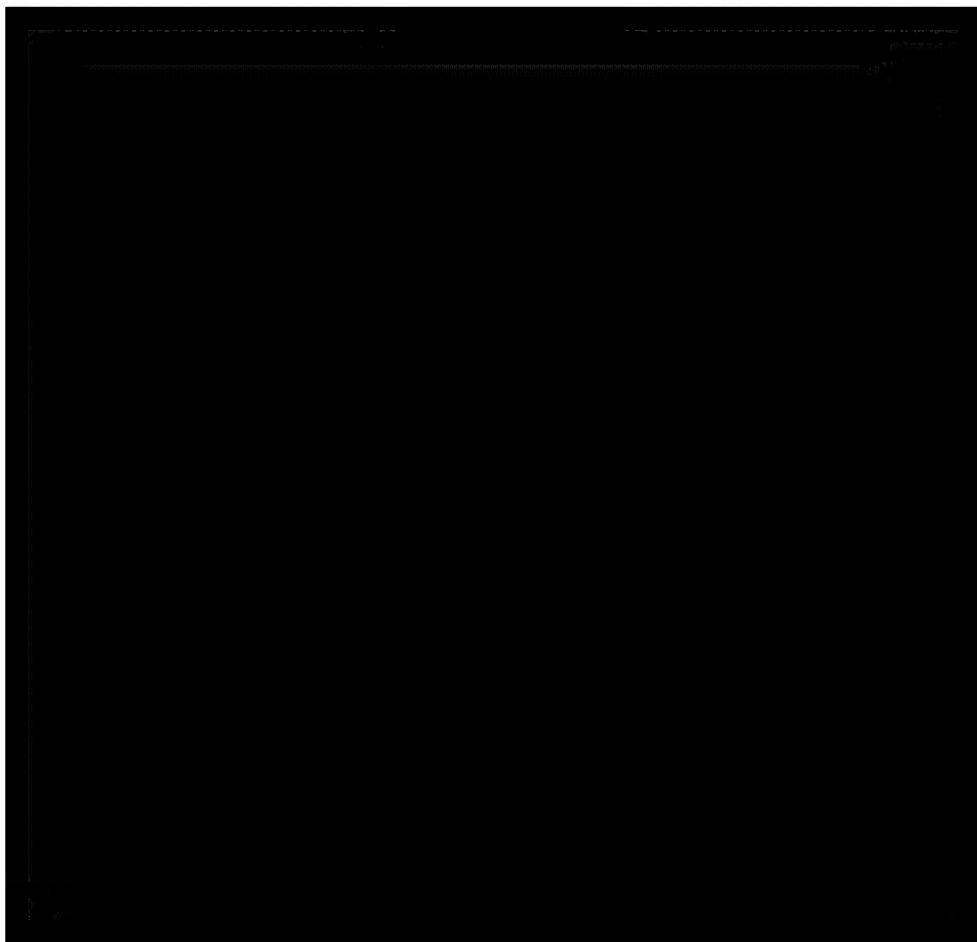
The plant is rail served, coal and gas operated, and is located within a walled area approximately 1,900 by 1,400 feet.

The boilerhouse contains four double boilers connected to a single masonry stack by four sets of flues consisting of two ducts each. Three circuit leads are discernible between the generator hall and the control house on photography.

[REDACTED] Seven transformers are located adjacent to the control house. Blast furnace gas, from the adjacent iron and steel plant, is used as fuel in conjunction with coal. There are overhead steam lines and power conduits leading to the iron and steel plant.

The power plant was in operation as evidenced by moderate smoke and vapor emanating from the stack and cooling towers on all the referenced imagery. This plant is complete and there has been no construction since [REDACTED] the date of the latest photography used in the referenced report.

25X1A

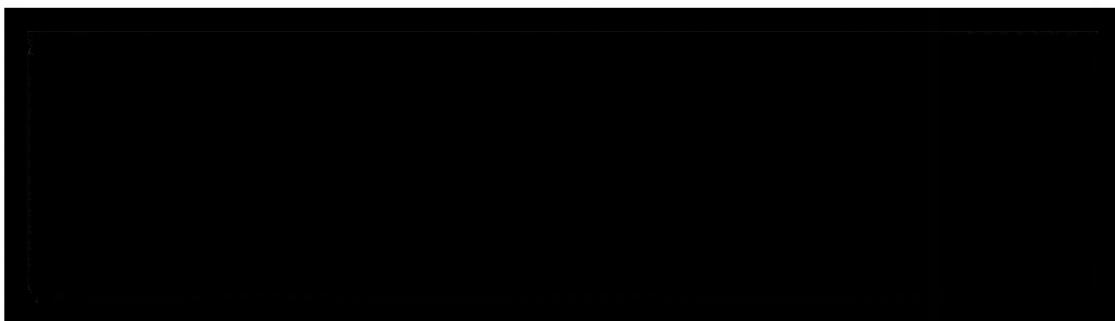


Key to Annotations

<u>Item No.</u>	<u>Description</u>	<u>Dimensions (ft)</u>	<u>Remarks</u>
1	POL Tanks (5)	15 Diam.	-
2	Water Treatment Facility	130 x 70 75 x 35	
3	Boilerhouse	300 x 130	4 Double Boilers
4	Generator Hall	430 x 85	3 Turbogenerators
5	Control House	120 x 55	7 Transformers
6	Enclosed Switching (2)	300 x 40 200 x 40 110 x 25	adjacent to building
7	Cooling Towers (3)	85' Diam (top)	Natural Draft
8	Gas Purification and Control Building	190 x 75	
9	Coal Stockpile	-	

25X1D

REFERENCES



Maps

25X1C

15th RTS. US Air Target Chart, Series 200, Sheet 0288-22HL, 2nd edition,
Nov 64, Scale 1:200,000 (SECRET NO FOREIGN DISSEM [REDACTED])

25X1C

ACIC. USAF Operational Navigation Chart, Sheet F-8, 2nd edition, July 63,
Scale 1:1,000,000 (UNCLASSIFIED)

Documents

I. CIA/IAD. PIR 65106, Chinese Power Plants, Inner Mongolian Autonomous Region, Mar 66, TCS 2135/66 (TOP SECRET RUFF)

Requirement

EXSUBCOM - BR-N/002-69

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